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L19 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2000 ACS

AN 1999:451303 CAPLUS

DN 131:73842

TI Process for preparing carboxamido-4-azasteroids

IN Panzeri, Achille; D'Anello, Matteo; Longo, Antonio; Nesi, Marcella

PA Pharmacia &amp; Upjohn Spa, Italy

SO PCT Int. Appl., 24 pp.

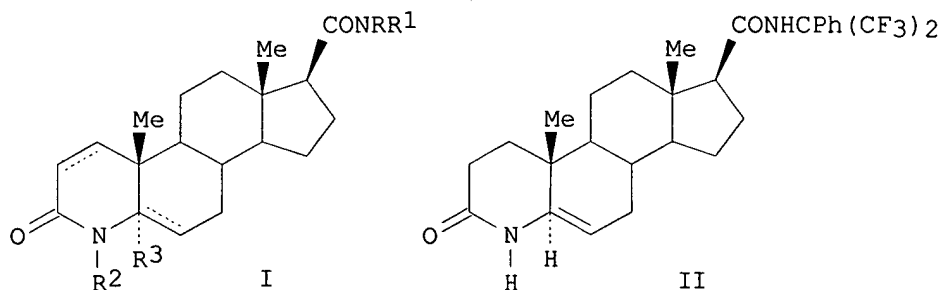
CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9935161	A1	19990715	WO 1998-EP8527	19981217
	W:	AL, AU, BA, BG, BR, CA, CN, CZ, EE, HU, ID, IL, JP, KR, LT, LV, MX, NO, NZ, PL, RO, RU, SG, SI, SK, TR, UA, US, YU, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
	AU 9925146	A1	19990726	AU 1999-25146	19981217
	EP 970105	A1	20000112	EP 1998-966861	19981217
	R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, NL, SE, PT, IE, FI			
	NO 9904199	A	19991029	NO 1999-4199	19990830
PRAI	GB 1997-27522		19971231		
	WO 1998-EP8527		19981217		
OS	CASREACT 131:73842; MARPAT 131:73842				
GI					



AB A process for producing azasteroids of formula I [R, R1 = H, (fluorine substituted) alkyl, (fluorine substituted) phenylalkyl, etc.; R2 = H, (fluorine substituted) alkyl; R3 = H, absent] comprises treating the corresponding 17.beta.-carbonylimidazole intermediates with anhyd. acids in the presence of an amine and, optionally, hydrogenating the resulting compd. Thus, 3-oxo-4-azaandrost-5-ene-17.beta.-carbonyl-1-imidazole was reacted with 1,1,1,3,3,3-hexafluoro-2-phenylprop-2-ylamine and methanesulfonic acid to give II.

IT 188754-88-3P

Searched by John Dantzman

308-4488

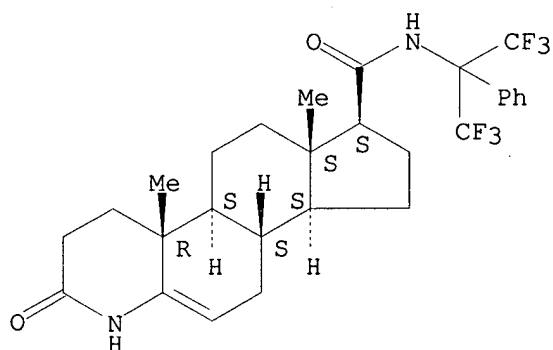
RL: IMF (Industrial manufacture); RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation)

(prepn. of 17.beta.-carboxamido-4-azasteroids)

RN 188754-88-3 CAPLUS

CN 1H-Indeno[5,4-f]quinoline-7-carboxamide,  
2,3,4,4a,4b,5,6,6a,7,8,9,9a,9b,10-  
tetradecahydro-4a,6a-dimethyl-2-oxo-N-[2,2,2-trifluoro-1-phenyl-1-(trifluoromethyl)ethyl]-, (4aR,4bS,6aS,7S,9aS,9bS)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



IT 155651-56-2P 188754-67-8P 188754-68-9P  
188754-71-4P 198127-79-6P 229183-13-5P  
229183-14-6P 229183-15-7P 229183-16-8P  
229183-17-9P 229183-18-0P 229183-19-1P  
229183-20-4P 229183-21-5P 229183-22-6P

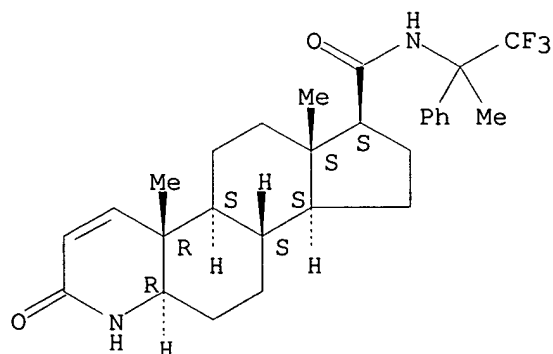
RL: IMF (Industrial manufacture); SPN (Synthetic preparation); PREP (Preparation)

(prepn. of 17.beta.-carboxamido-4-azasteroids)

RN 155651-56-2 CAPLUS

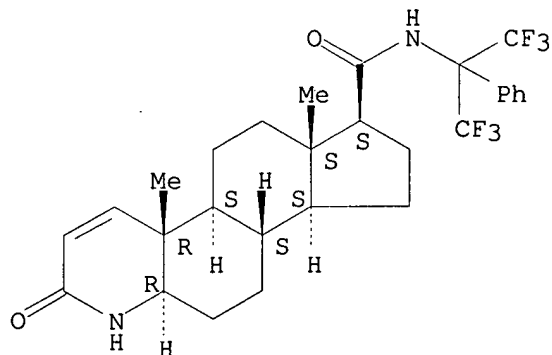
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2,4a,4b,5,6,6a,7,8,9,9a,9b,10,11,  
11a-tetradecahydro-4a,6a-dimethyl-2-oxo-N-(2,2,2-trifluoro-1-methyl-1-phenylethyl)-, (4aR,4bS,6aS,7S,9aS,9bS,11aR)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



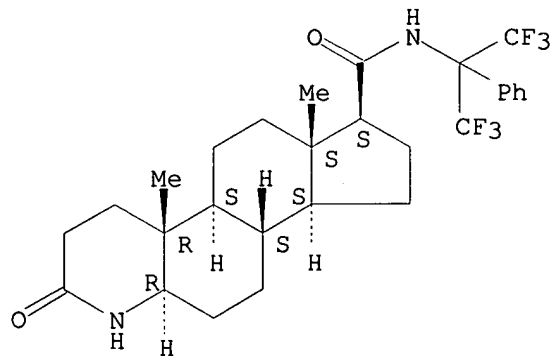
RN 188754-67-8 CAPLUS  
 CN 1H-Indeno[5,4-f]quinoline-7-carboxamide,  
 2,4a,4b,5,6,6a,7,8,9,9a,9b,10,11,  
 11a-tetradecahydro-4a,6a-dimethyl-2-oxo-N-[2,2,2-trifluoro-1-phenyl-1-(trifluoromethyl)ethyl]-, (4aR,4bS,6aS,7S,9aS,9bS,11aR)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



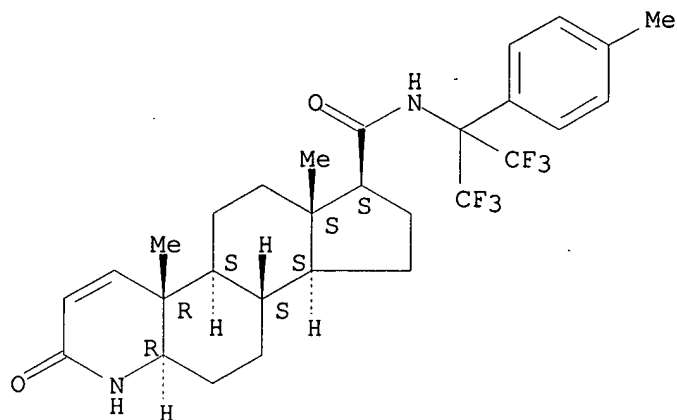
RN 188754-68-9 CAPLUS  
 CN 1H-Indeno[5,4-f]quinoline-7-carboxamide, hexadecahydro-4a,6a-dimethyl-2-oxo-N-[2,2,2-trifluoro-1-phenyl-1-(trifluoromethyl)ethyl]-, (4aR,4bS,6aS,7S,9aS,9bS,11aR)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 188754-71-4 CAPLUS  
 CN 1H-Indeno[5,4-f]quinoline-7-carboxamide,  
 2,4a,4b,5,6,6a,7,8,9,9a,9b,10,11,  
 11a-tetradecahydro-4a,6a-dimethyl-2-oxo-N-[2,2,2-trifluoro-1-(4-methylphenyl)-1-(trifluoromethyl)ethyl]-, (4aR,4bS,6aS,7S,9aS,9bS,11aR)- (9CI) (CA INDEX NAME)

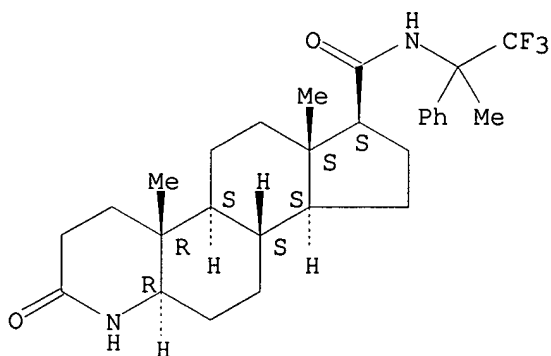
Absolute stereochemistry.



RN 198127-79-6 CAPLUS

CN 1H-Indeno[5,4-f]quinoline-7-carboxamide, hexadecahydro-4a,6a-dimethyl-2-oxo-N-(2,2,2-trifluoro-1-methyl-1-phenylethyl)-, (4aR,4bS,6aS,7S,9aS,9bS,11aR)- (9CI) (CA INDEX NAME)

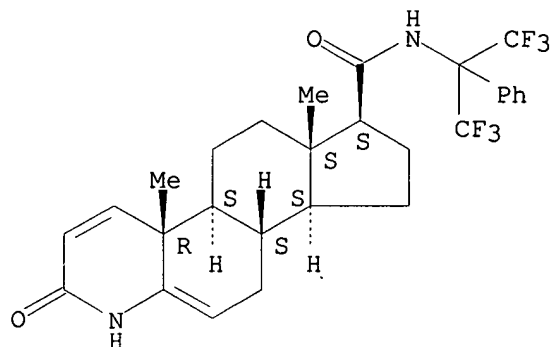
Absolute stereochemistry.



RN 229183-13-5 CAPLUS

CN 1H-Indeno[5,4-f]quinoline-7-carboxamide, 2,4a,4b,5,6,6a,7,8,9,9a,9b,10-dodecahydro-4a,6a-dimethyl-2-oxo-N-[2,2,2-trifluoro-1-phenyl-1-(trifluoromethyl)ethyl]-, (4aR,4bS,6aS,7S,9aS,9bS)- (9CI) (CA INDEX NAME)

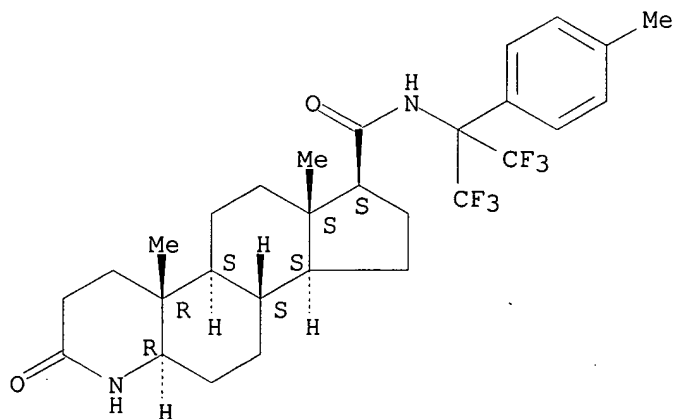
Absolute stereochemistry.



RN 229183-14-6 CAPLUS

CN 1H-Indeno[5,4-f]quinoline-7-carboxamide, hexadecahydro-4a,6a-dimethyl-2-oxo-N-[2,2,2-trifluoro-1-(4-methylphenyl)-1-(trifluoromethyl)ethyl]-, (4aR,4bS,6aS,7S,9aS,9bS,11aR)- (9CI) (CA INDEX NAME)

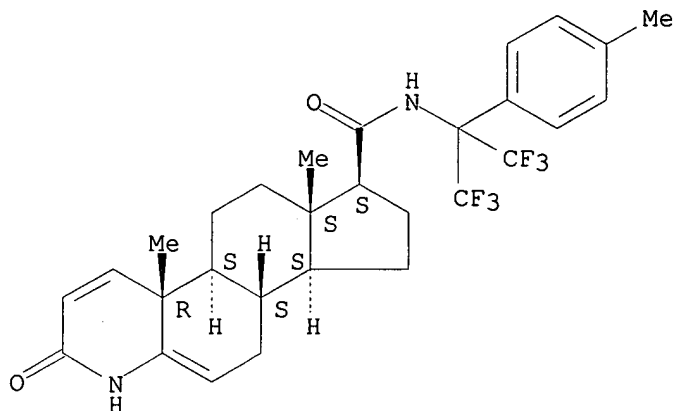
Absolute stereochemistry.



RN 229183-15-7 CAPLUS

CN 1H-Indeno[5,4-f]quinoline-7-carboxamide, 2,4a,4b,5,6,6a,7,8,9,9a,9b,10-dodecahydro-4a,6a-dimethyl-2-oxo-N-[2,2,2-trifluoro-1-(4-methylphenyl)-1-(trifluoromethyl)ethyl]-, (4aR,4bS,6aS,7S,9aS,9bS)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

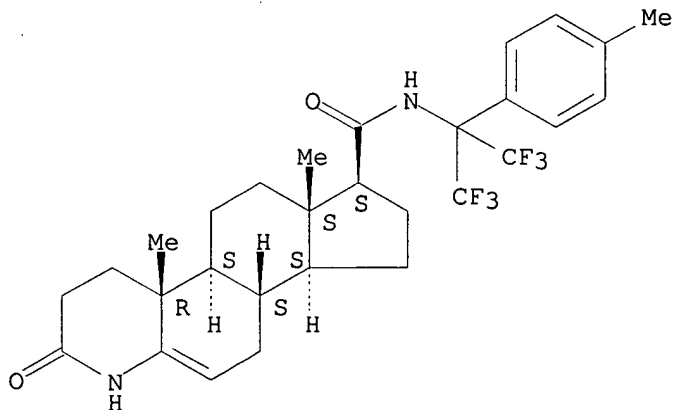


RN 229183-16-8 CAPLUS

CN 1H-Indeno[5,4-f]quinoline-7-carboxamide,  
2,3,4,4a,4b,5,6,6a,7,8,9,9a,9b,10-

tetradecahydro-4a,6a-dimethyl-2-oxo-N-[2,2,2-trifluoro-1-(4-methylphenyl)-  
1-(trifluoromethyl)ethyl]-, (4aR,4bS,6aS,7S,9aS,9bS)- (9CI) (CA INDEX  
NAME)

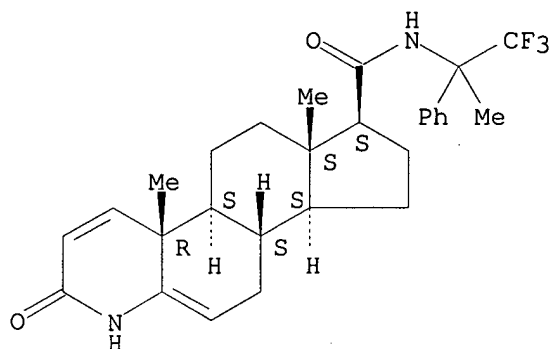
Absolute stereochemistry.



RN 229183-17-9 CAPLUS

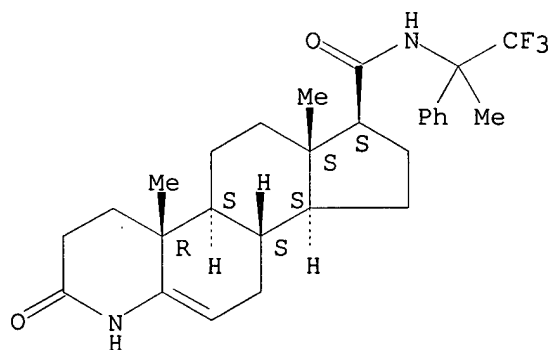
CN 1H-Indeno[5,4-f]quinoline-7-carboxamide, 2,4a,4b,5,6,6a,7,8,9,9a,9b,10-  
dodecahydro-4a,6a-dimethyl-2-oxo-N-(2,2,2-trifluoro-1-methyl-1-  
phenylethyl)-, (4aR,4bS,6aS,7S,9aS,9bS)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



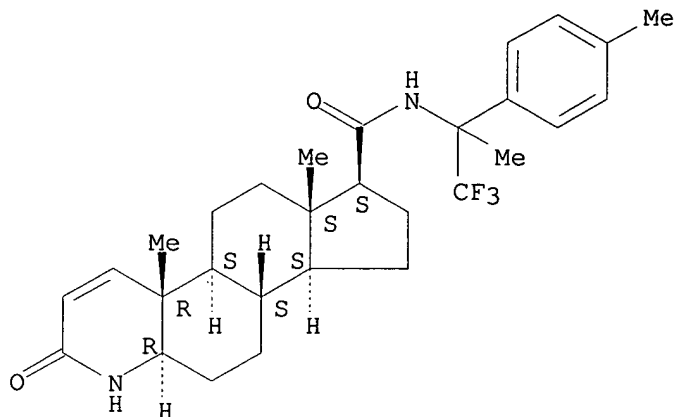
RN 229183-18-0 CAPLUS  
 CN 1H-Indeno[5,4-f]quinoline-7-carboxamide,  
 2,3,4,4a,4b,5,6,6a,7,8,9,9a,9b,10-  
 tetradecahydro-4a,6a-dimethyl-2-oxo-N-(2,2,2-trifluoro-1-methyl-1-  
 phenylethyl)-, (4aR,4bS,6aS,7S,9aS,9bS)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 229183-19-1 CAPLUS  
 CN 1H-Indeno[5,4-f]quinoline-7-carboxamide,  
 2,4a,4b,5,6,6a,7,8,9,9a,9b,10,11,  
 11a-tetradecahydro-4a,6a-dimethyl-2-oxo-N-[2,2,2-trifluoro-1-methyl-1-(4-  
 methylphenyl)ethyl]-, (4aR,4bS,6aS,7S,9aS,9bS,11aR)- (9CI) (CA INDEX  
 NAME)

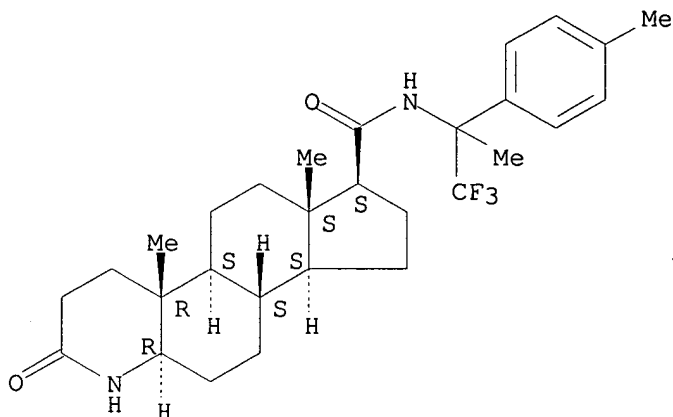
Absolute stereochemistry.



RN 229183-20-4 CAPLUS

CN 1H-Indeno[5,4-f]quinoline-7-carboxamide, hexadecahydro-4a,6a-dimethyl-2-oxo-N-[2,2,2-trifluoro-1-methyl-1-(4-methylphenyl)ethyl]-, (4aR,4bS,6aS,7S,9aS,9bS,11aR)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

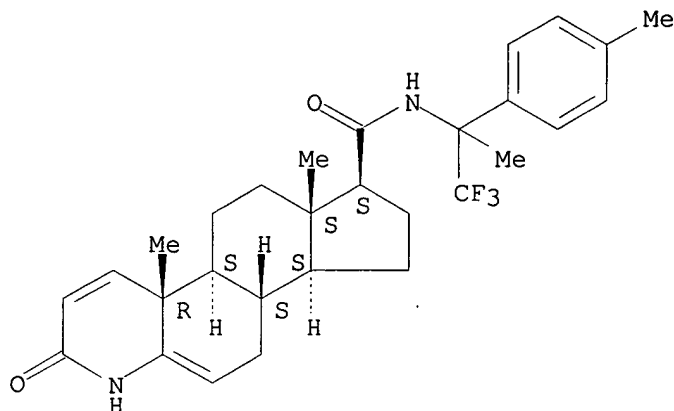


RN 229183-21-5 CAPLUS

CN 1H-Indeno[5,4-f]quinoline-7-carboxamide, 2,4a,4b,5,6,6a,7,8,9,9a,9b,10-dodecahydro-4a,6a-dimethyl-2-oxo-N-[2,2,2-trifluoro-1-methyl-1-(4-methylphenyl)ethyl]-, (4aR,4bS,6aS,7S,9aS,9bS)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.





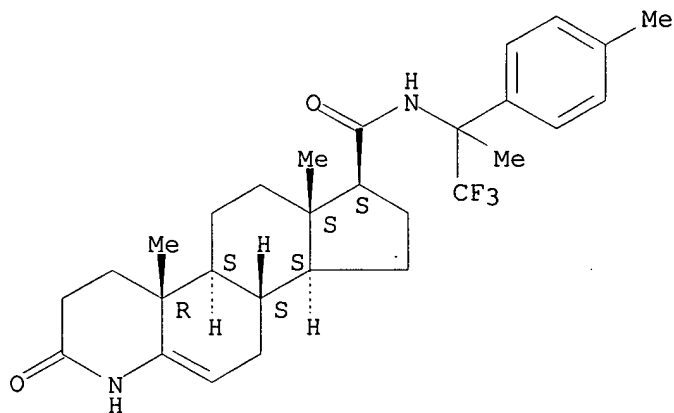
RN 229183-22-6 CAPLUS

CN 1H-Indeno[5,4-f]quinoline-7-carboxamide,

2,3,4,4a,4b,5,6,6a,7,8,9,9a,9b,10-

tetradecahydro-4a,6a-dimethyl-2-oxo-N-[2,2,2-trifluoro-1-methyl-1-(4-methylphenyl)ethyl]-, (4aR,4bS,6aS,7S,9aS,9bS)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



IT 103335-54-2 104239-97-6

RL: RCT (Reactant)

(prepn. of 17.beta.-carboxamido-4-azasteroids)

RN 103335-54-2 CAPLUS

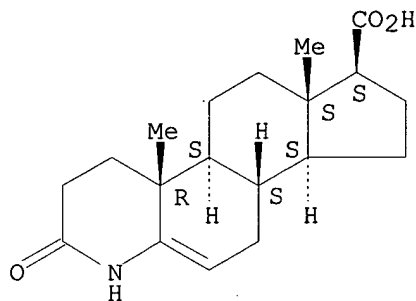
CN 1H-Indeno[5,4-f]quinoline-7-carboxylic acid,

2,3,4,4a,4b,5,6,6a,7,8,9,9a,9b,10-

b,10-tetradecahydro-4a,6a-dimethyl-2-oxo-, (4aR,4bS,6aS,7S,9aS,9bS)- (9CI)

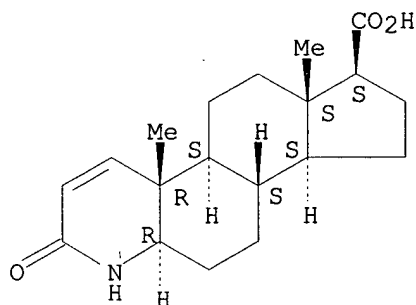
(CA INDEX NAME)

Absolute stereochemistry.



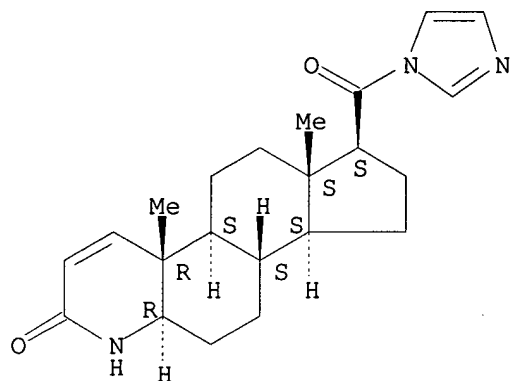
RN 104239-97-6 CAPLUS  
 CN 1H-Indeno[5,4-f]quinoline-7-carboxylic acid,  
 2,4a,4b,5,6,6a,7,8,9,9a,9b,10,  
 ,11,11a-tetradecahydro-4a,6a-dimethyl-2-oxo-,  
 (4aR,4bS,6aS,7S,9aS,9bS,11aR)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



IT 129273-17-2P 229183-12-4P  
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation)  
 (prepn. of 17.beta.-carboxamido-4-azasteroids)  
 RN 129273-17-2 CAPLUS  
 CN 1H-Imidazole, 1-[[ (4aR,4bS,6aS,7S,9aS,9bS,11aR)-  
 2,4a,4b,5,6,6a,7,8,9,9a,9b,10,11,11a-tetradecahydro-4a,6a-dimethyl-2-oxo-  
 1H-indeno[5,4-f]quinolin-7-yl]carbonyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 229183-12-4 CAPLUS

CN 1H-Imidazole,

1-[[ (4aR, 4bS, 6aS, 7S, 9aS, 9bS)-2,3,4,4a,4b,5,6,6a,7,8,9,9a,9b,  
10-tetradecahydro-4a,6a-dimethyl-2-oxo-1H-indeno[5,4-f]quinolin-7-  
yl]carbonyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

